

The **cuted** package

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1 Introduction

It is denoted to place some material in full-width at any place on double-column page (**\twocolumn** mode) The part of material can be placed on the next page. Existing text is placed under inserted material in two columns (it is reformatted).

Another usage is to combine the **onecolumn** and **twocolumn** typesetting in the same document using commands: **\switchonecolumn** and **\switchtwocolumn**.

2 Usage

strip Provides new environment:

```
\begin{strip}  
<wide onecolumn material>  
\end{strip}
```

Puts **\vbox{<wide onecolumn material>}** in full-width on double-column page.

It can be problems with floats and footnotes. In the case of problems with footnotes it is possible to correct the situation using commands **\footnotemark** and **\footnotetext**.

preCutedStrip **{<tokens>}**

Before the strip **\stripsep** glue and **\the\preCutedStrip** token list **<tokens>** are added.

postCutedStrip **{<tokens>}**

After the strip **\the\postCutedStrip** token list **<tokens>** and **\stripsep** glue are added.

stripsep By default: **\stripsep=15pt plus2pt minus 2pt**.

\oldcolsbreak **{<adds>}**

Adds **<adds>** in place of original column break if strip is placed on the right column. Seems, it should be unnecessary as current version uses **pagediscards** dimensions to restore original vertical skip.

`\switchonecolumn` It starts with onecolumn typesetting from the current spot on the page.

`\switchtwocolumn` It starts with twocolumn typesetting from the current spot on the page

2.1 Package options

`<spread>` [`default`] It enables columns spreading trying to balance.

`<nospread>` It disables columns spreading trying to balance.

`<shrink>` [`default`] It enables columns shrinking trying to balance.

`<noshrink>` It disables columns shrinking trying to balance.

Similiar options exist for single column separatly:

`lspread`, `nolspread`, `lshrink`, `nolshrink` – for left column

`rsread`, `norspread`, `rshrink`, `norshrink` – for right column

`<debug>` Adds rules to the bottom of columns (just for debugging) and some additional log info.

`<nodebug>` [`default`] Skips putting debugging lines and additional info.